

CLAIMS

1. A stab-resistant insert for protective textile, said insert comprising :
 - 5 at least one metal layer of a fabric with metal cords or metal wires;
 - at least one textile layer;
 - said textile layer being in contact with and being connected to said metal layer;
 - 10 characterized in that said textile layer comprises a non-woven material.
2. A stab-resistant insert according to claim 1, said fabric comprising metal cords or metal wires lying in parallel, the distance between
15 said metal cords or metal wires varying between 0.40 mm and 3.2 mm.
3. A stab-resistant insert according to claim 2, wherein said elongated metal elements are unidirectional within said metal
20 layer and wherein said elongated metal elements are bonded to said non-woven material by means of an adhesive or by means of a thermoplastic film.
4. A stab-resistant insert according to claim 3, wherein said insert
25 comprises more than one metal layer.
5. A stab-resistant insert according to claim 4, wherein said more than one metal layers having different directions wherein said elongated metal elements run.
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6. A stab-resistant insert according to claim 2 wherein said at least one metal layer is multi-directional.
7. A stab-resistant insert according to claim 6 wherein said non-
35 woven textile material is bonded to said metal layer by means of

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an adhesive or by means of a thermoplastic film or by means of stitches.

- 5 8. A stab-resistant insert according to any one of claims 2 to 7,
 wherein part of said non-woven material penetrates between the
 elongated metal elements to decrease the likelihood of shifting
 the elongated metal elements in said metal layer.
- 10 9. A stab-resistant insert according to any one of the preceding
 claims, wherein said non-woven material comprises synthetic
 fibers.
- 15 10. A stab-resistant insert according to claim 9, wherein more than
 thirty per cent of said synthetic fibers is selected from a group
 consisting of aramid fibers, high-density high-molecular weight
 polyethylene fibers, poly(p-phenylene-2,6-benzobisoxazole)
 fibers, polybenzimidazole fibers, or any combination thereof.
- 20 11. A stab-resistant insert according to any one of the preceding
 claims, wherein each metal layer is at both sides in contact with
 and is connected with a textile layer.
12. A protective textile product comprising a stab-resistant insert
 according to any one of the preceding claims.